

Amendments to the Specification:

Please amend the title as follows:

**METHOD, ~~SYSTEM AND ARTICLE~~ FOR DETECTING CRITICAL MEMORY LEAKS
CAUSING OUT-OF-MEMORY ERRORS IN JAVA SOFTWARE**

Please amend paragraph [0007] on page 3 as follows:

[0007] In accordance with the present invention, improved methods, ~~systems and articles of manufacture~~ for detecting memory leaks in a software program are disclosed. One preferred method of the present invention provides a process thread for monitoring an amount of available memory for a software program referencing software objects. The process thread determines when the amount of available memory for the software program referencing software objects is within a predetermined threshold amount of memory within zero memory available for the software program utilizing software objects. Thereafter, upon such determination, the process thread stores a current stack walkback of currently referenced software objects prior to when the amount of available memory for the software program referencing software objects drops below an amount of available memory necessary to store the current stack walkback